

FIG. 1

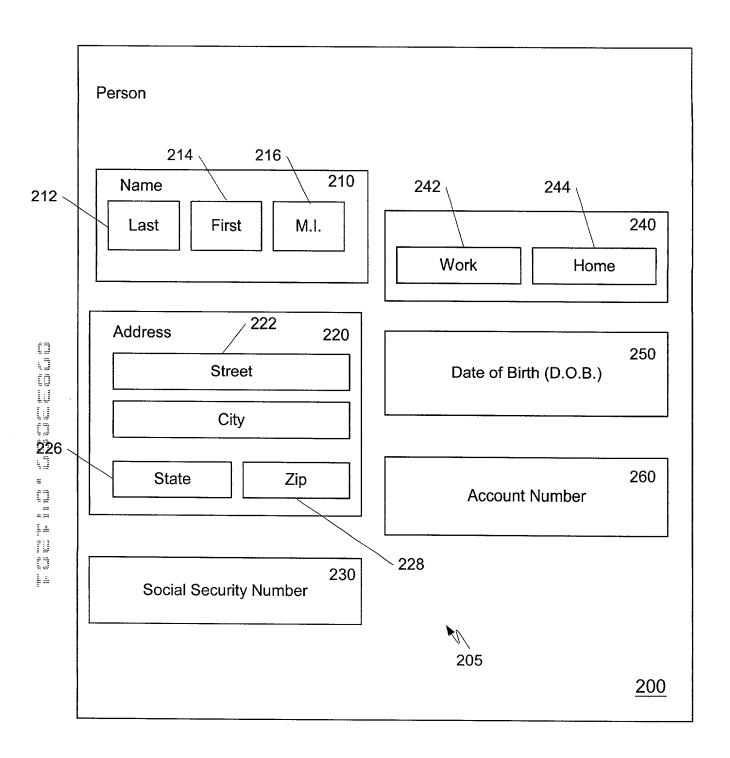


FIG. 2

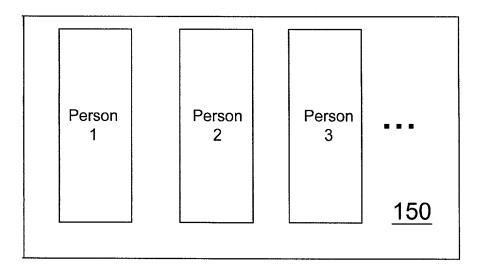


FIG. 3A

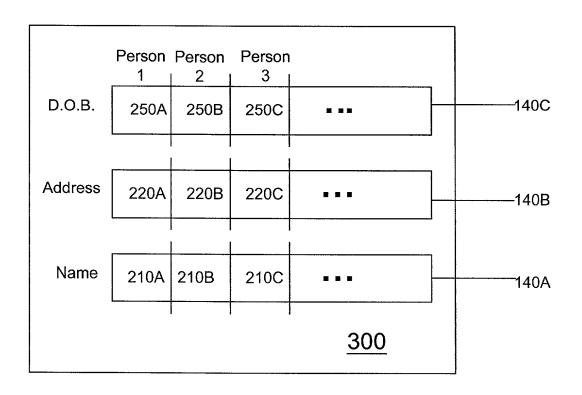
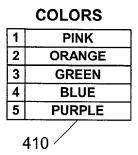


FIG. 3B



SHAPES		
1	STARS	
2	HORSESHOES	
3	DIAMONDS	
4	HEARTS	
5	CLOVERS	
	420	

FIG. 4A

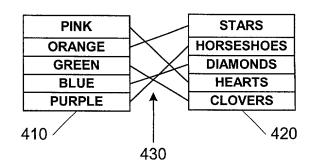


FIG. 4B



with hard their them they are going the

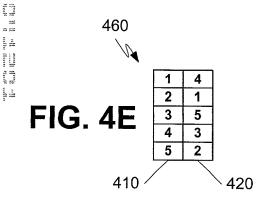
PINK	HEARTS
ORANGE	STARS
GREEN	CLOVERS
BLUE	DIAMONDS
PURPLE	HORSESHOES

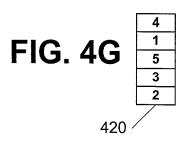
FIG. 4C

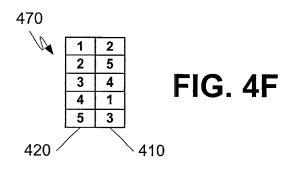


STARS	ORANGE
HORSESHOES	PURPLE
DIAMONDS	BLUE
HEARTS	PINK
CLOVERS	GREEN
420	110

FIG. 4D







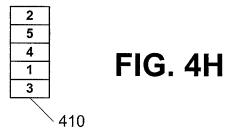
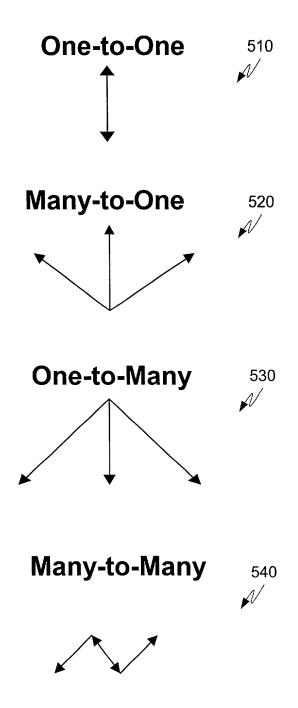


FIG. 5



# FIG. 6

## **MMX Files**

O	ne to	o Many
	12	4
0	24	151
0	24	201
	43	212
-		
-		

*	57	3
*	57	36
*	57	200
*	57	213

119	91

--- ---

610

### MMR

Many	to One
3	57 <b>*</b>
4	12
36	57 *
91	119
151	24 0
200	57 *
201	24 0
212	43
213	57 *

<sup>\</sup> 620

# **FIG.** 7

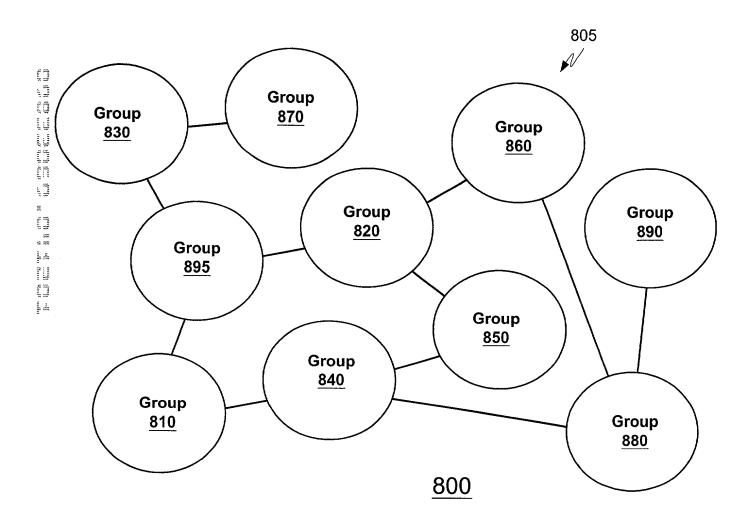
## MMX Files

Ma	any to	Many'
* * *	7 8 8 8 	256 38 + 21 312 
	35 36	38 + 70
0	58  112	38 +  71
0	112 113 	38 + 316 

## MMR

Many'	to Many
21	8 *
+ 38	8 *
+ 38	35
+ 38	58
+ 38	112 o
70	36
71	112 o
256	7
312	8 *
316	113
317	19
	\
	720

FIG. 8



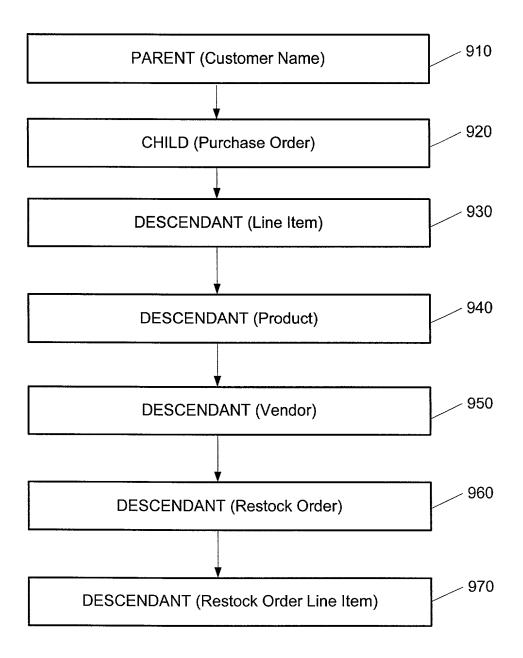
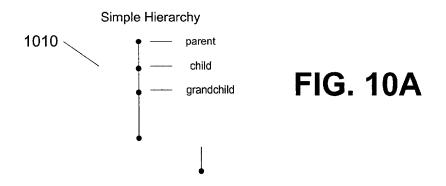
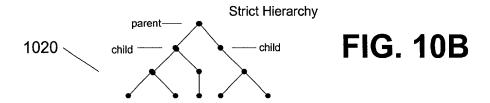
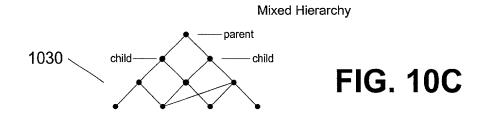


FIG. 9







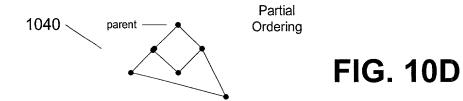
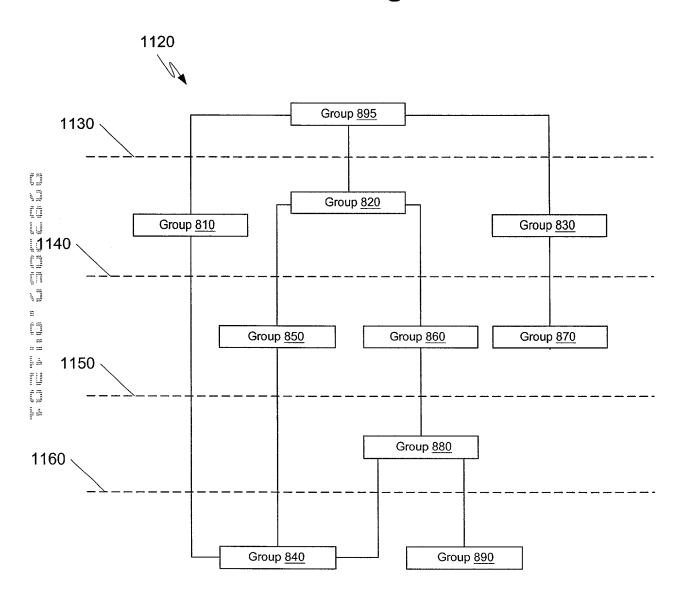
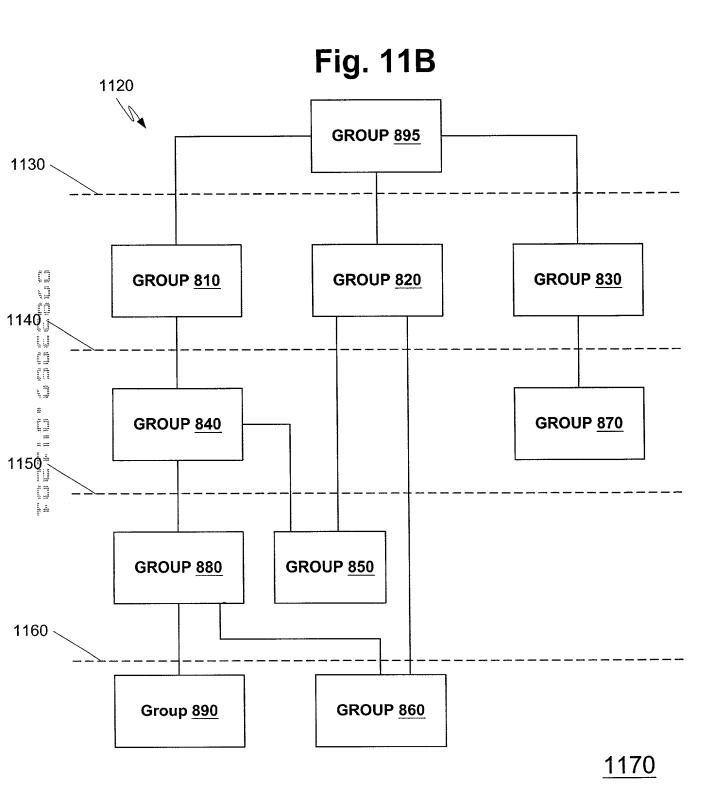
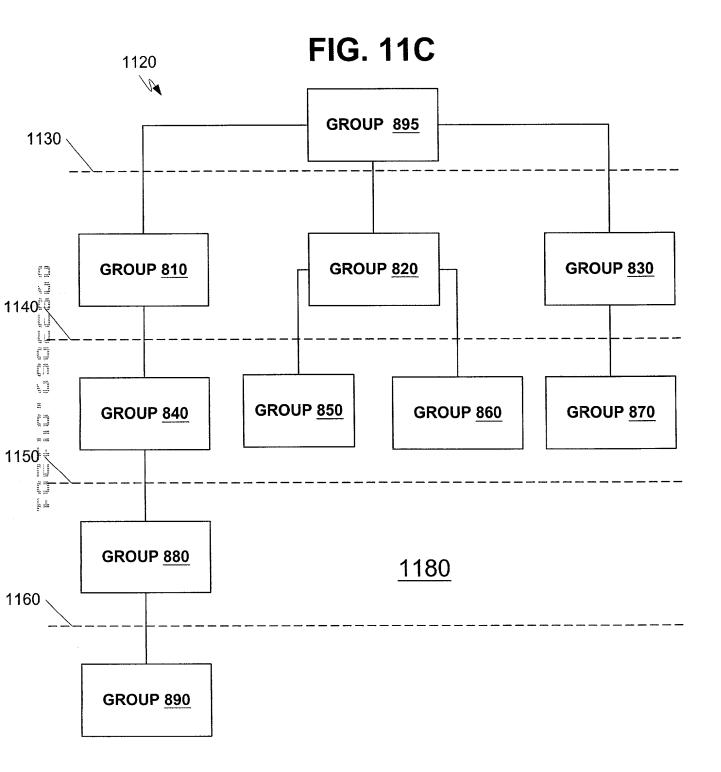


Fig.11A







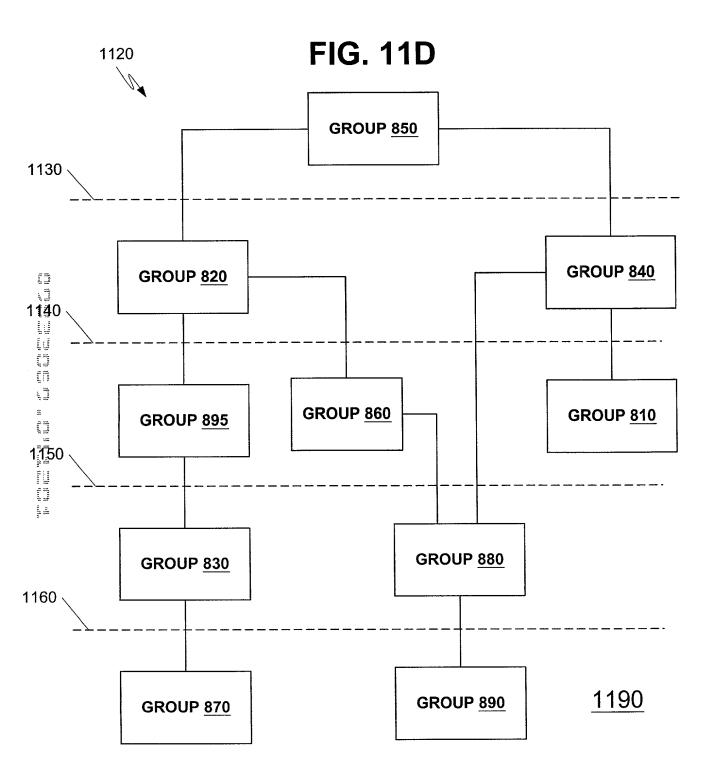
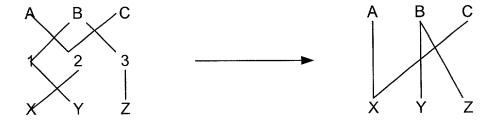


Fig. 12



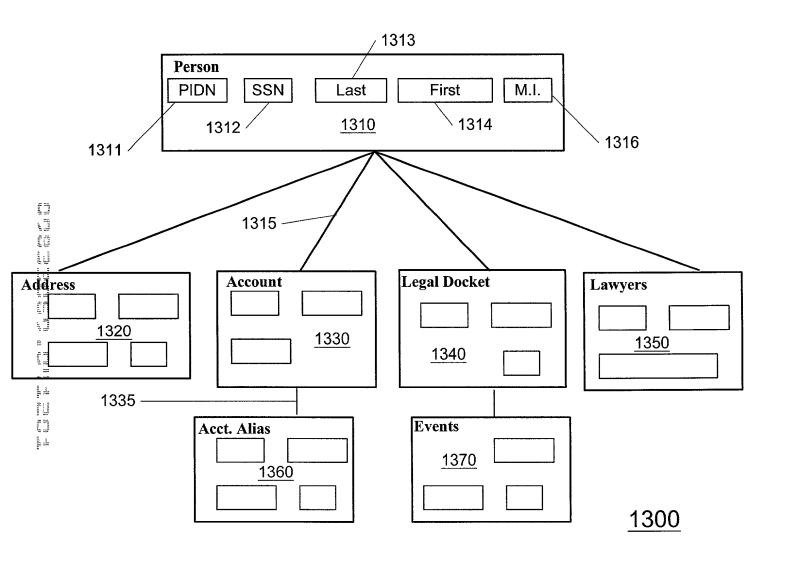


Fig. 13

FIG. 14

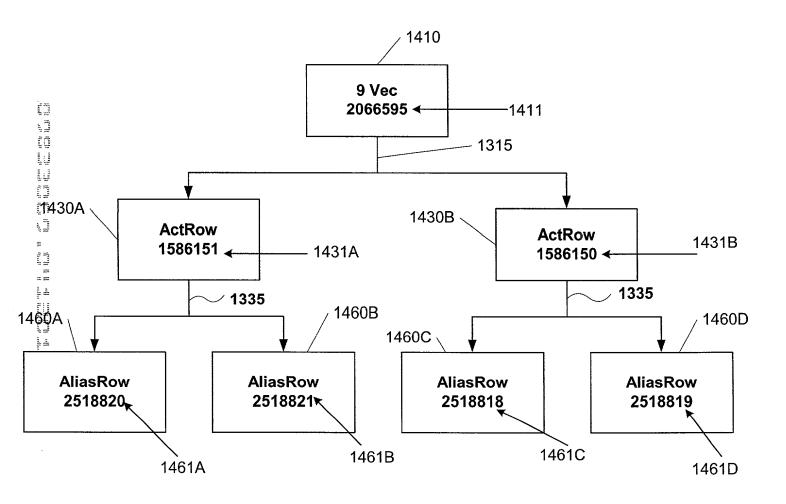
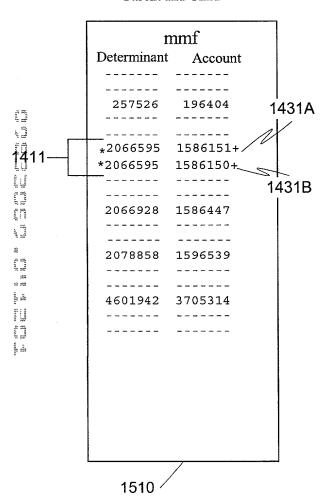


FIG. 15

#### Parent and Child



#### **Child and Parent**

mmr		
Account	Determinant	
196404	257526	
+1586150		
+1586151	2066595*	
1586447	2066020	
1586447	2066928	
1596539	2078858	
3705314	4601942	
L		
	1520	
	1320	

1315

FIG. 16

#### Child and Grandchild

### mmf AcctAlias Account 196404 285102 1461C 1461D +1586150 2518818x - 1461A - 1461B +1586151 2518821x +1586151 2518820x mar mar test 1586447 2519309 į, 1586447 2519308 . 3 1596539 į. 6050449 3705314 3705314 1610

#### Grandchild and Child

	mmr
AccAlias	Account
	196404
x2518818	1586150+
x2518819	
x2518820	
x2518821	1586151+
	1586447
2519309	1586447
2535037	
	3705314
6050450	3705314
	1620



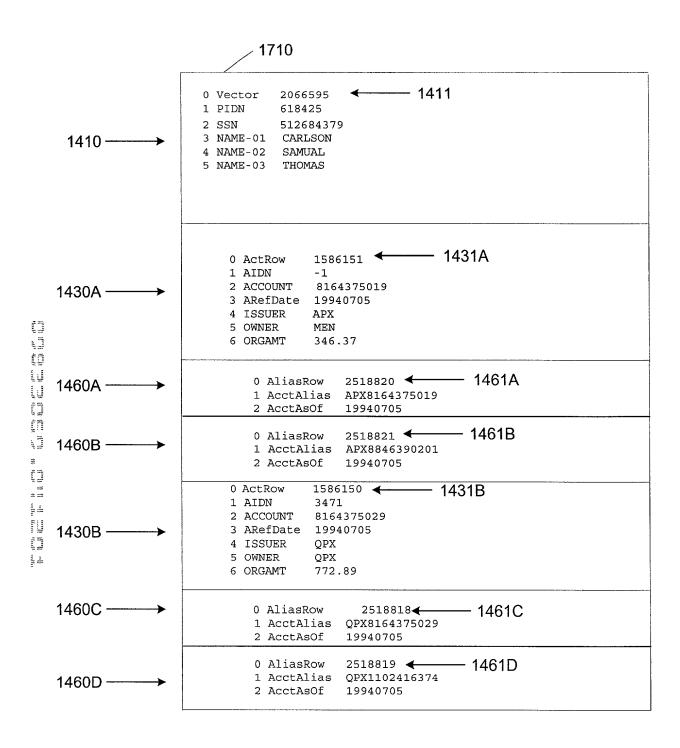


FIG. 17

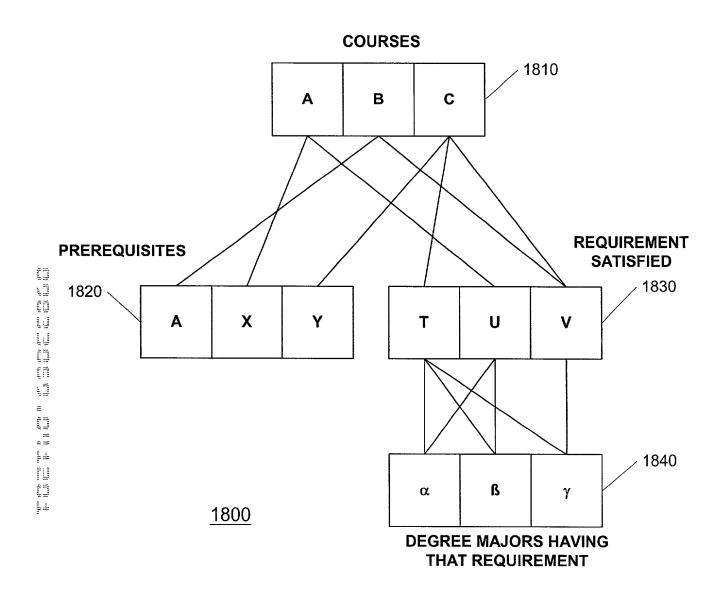


FIG. 18

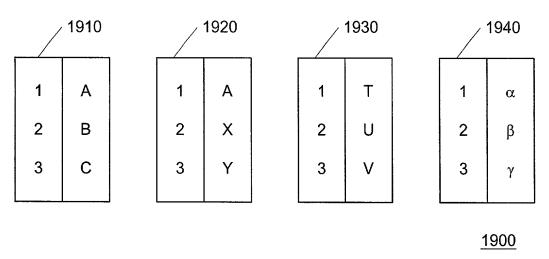
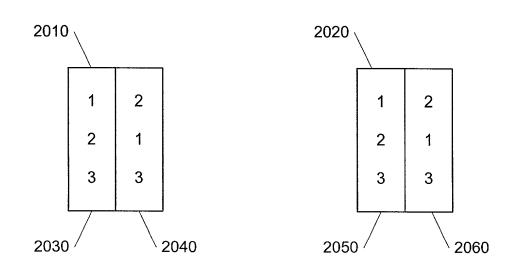
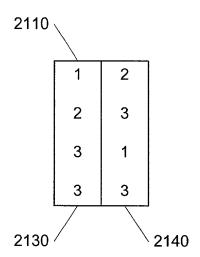


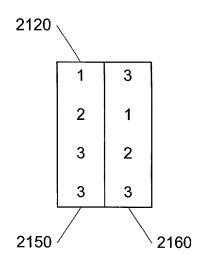
FIG. 19



**FIG. 20A** 

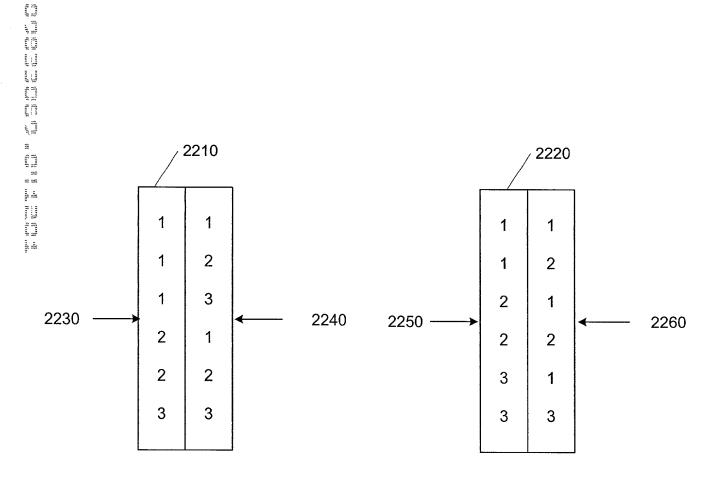
FIG. 20B





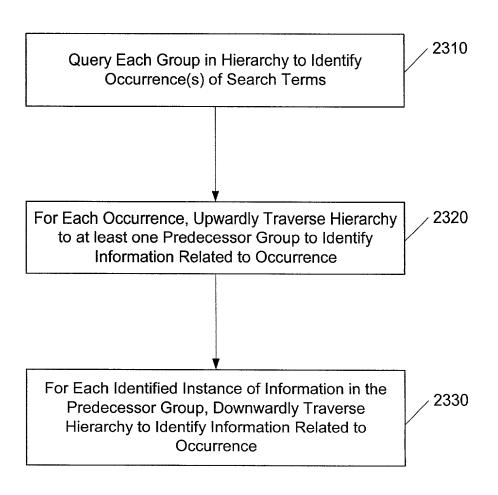
**FIG. 21A** 

FIG. 21B



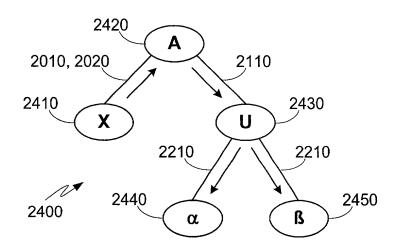
**FIG. 22A** 

FIG. 22B



2300

FIG. 23



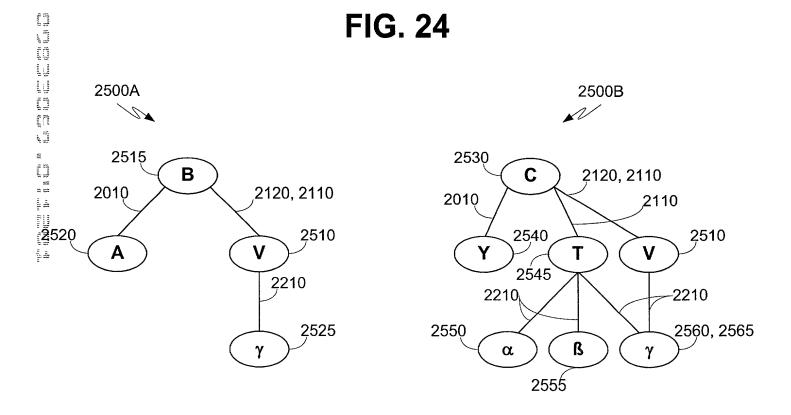


FIG. 25